

Activity Matrix

Science Process Skills

		Observing	Classifying	Communicating	Physical Modeling	Measuring	Collecting & Organizing Data	Infering	Predicting	Formulating Hypotheses	Interpreting Data	Controlling Variables	Decision Making	Debating
Unit 1 Pre-Apollo	Distance to the Moon	●		●		●	●				●			
	Diameter of the Moon	●		●		●	●				●			
	Reaping Rocks	●	●	●		●	●		●		●		●	
Unit 2 Learning From Apollo	The Lunar Disk	●	●	●		●	●		●		●		●	
	Apollo Landing Sites	●	●	●		●				●				
	Regolith Formation	●		●	●		●	●	●	●	●	●		
	Lunar Surface	●	●	●	●		●	●						
	Differentiation	●	●	●	●		●		●		●			
	Impact Craters	●		●	●	●	●	●	●	●	●	●		
	Clay Lava Flows	●		●	●	●	●			●	●	●		
	Lava Layering	●		●	●		●	●			●		●	
	Lunar Landing Sites	●	●	●	●		●	●			●		●	●
	Lunar Roving Vehicle	●		●	●		●				●	●	●	
	Moon Anomalies			●			●	●		●	●		●	●
Unit 3 Future	Lunar Land Use		●	●	●		●	●	●	●			●	●
	Life Support Systems	●	●	●	●	●	●	●	●	●	●	●	●	●
	Lunar Biosphere	●	●	●	●	●	●	●	●	●	●	●	●	●

Activity Matrix

Science Standards

		Unifying Concepts & Processes	Science as Inquiry	Physical Science	-properties of objects & materials	-position, motions and forces of objects	-interactions of energy & matter	Earth & Space Science	-properties of earth materials	-objects in the sky	Life Science	-characteristics of organisms	-organisms & environment	-populations & ecosystems	-interdependence of organisms	Science & Technology	Science in Personal & Social Perspectives
Unit 1 Pre-Apollo	Distance to the Moon	●	●	●		●		●		●							
	Diameter of the Moon	●	●					●		●							
	Reaping Rocks	●	●	●	●		●	●	●	●							
Unit 2 Learning From Apollo	The Lunar Disk	●	●	●	●		●	●	●	●							
	Apollo Landing Sites	●	●	●	●		●	●	●	●							
	Regolith Formation	●	●	●	●	●	●	●	●	●							
	Lunar Surface	●	●	●	●	●	●	●	●	●							
	Differentiation	●	●	●	●	●	●	●	●	●							
	Impact Craters	●	●	●	●	●	●	●	●	●							
	Clay Lava Flows	●	●	●	●	●	●	●	●	●							
	Lava Layering	●	●	●	●	●	●	●	●	●							
	Lunar Landing Sites	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Lunar Roving Vehicle	●	●	●	●	●	●	●	●	●	●	●	●			●	
	Moon Anomalies	●	●	●	●	●	●	●	●	●							
Unit 3 Future	Lunar Land Use	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Life Support Systems	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Lunar Biosphere	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Activity Matrix

Mathematics Standards

		Problem Solving	Measurement	Number & Number Relationships	Computation & Estimation	Geometry
Unit 1 Pre-Apollo	Distance to the Moon	●		●	●	
	Diameter of the Moon	●	●	●	●	●
	Reaping Rocks		●			
Unit 2 Learning From Apollo	The Lunar Disk		●			
	Apollo Landing Sites					●
	Regolith Formation					
	Lunar Surface					●
	Differentiation	●				
	Impact Craters	●	●	●	●	●
	Clay Lava Flows	●	●	●	●	●
	Lava Layering					●
	Lunar Landing Sites	●		●	●	
	Lunar Roving Vehicle	●		●	●	
	Moon Anomalies					
Unit 3 Future	Lunar Land Use			●	●	
	Life Support Systems	●	●	●	●	●
	Lunar Biosphere	●	●	●	●	●